

CLAIMS

1. A mobile cellular telephone comprising:
a display;
- 5 a processor for controlling the operation of the mobile cellular telephone including the display;
an incline sensor arranged to detect inclination of the mobile telephone in a first plane, wherein the mobile cellular telephone has an inclinometer mode, in which the processor receives an indication of the detected incline in the first plane from the incline sensor and controls the display to display an item at a position dependent upon the received indication.
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- 15 2. A mobile cellular telephone as claimed in claim 1, wherein the processor receives real-time indications of the detected incline in the first plane from the incline sensor and controls the display to move an item, in real-time, through positions dependent upon the received indications.
- 20 3. A mobile cellular telephone as claimed in claim 1 or 2, wherein the display has a first axis and the processor controls the display to display an item at a position along the first axis dependent upon the received indication.
- 25 4. A mobile cellular telephone as claimed in any preceding claim, wherein the incline sensor is arranged to additionally detect inclination of the mobile telephone in a second plane, orthogonal to the first plane, wherein, in the inclinometer mode, the processor receives an indication of the detected incline in the second plane from the incline sensor and controls the display to display a further item at a position dependent upon the received indication.
- 30 5. A mobile cellular telephone as claimed in claim 4, wherein the processor receives real-time indications of the detected incline in the first and second planes from the incline sensor and controls the display to move the item and the further item, in real-time, through positions dependent upon the received indications.
- 35 6. A mobile cellular telephone as claimed in claim 4 or 5, wherein the display has a first axis and a second axis orthogonal with the first axis and the processor controls

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the display to display the item at a position along the first axis dependent upon the received indication of the detected incline in the first plane and the further item at a position along the second axis dependent upon the received indication of the detected incline in the second plane.

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7. A mobile cellular telephone as claimed in claim 1 wherein the incline sensor is additionally arranged to detect inclination of the mobile telephone in a second plane, orthogonal to the first plane, and the processor in the inclinometer mode receives a first indication of the detected incline in the first plane and a second indication of the 10 detected incline in the second plane from the incline sensor and controls the display to display the item at a position dependent upon the received first and second indications.
8. A mobile cellular telephone as claimed in claim 7, wherein the display has a first 15 axis and a second axis orthogonal with the first axis and the processor controls the display to display the item at a co-ordinate position (i,j), wherein the first co-ordinate is dependent upon the received indication of the detected incline in the first plane and second co-ordinate is dependent upon the received indication of the detected incline in the second plane .
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9. A mobile cellular telephone as claimed in claim 7 or 8, wherein the processor receives real-time indications of the detected incline in the first and second planes from the incline sensor and controls the display to move the item, in real-time, through positions dependent upon the received indications.
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10. A mobile cellular telephone as claimed in any preceding claim, wherein the incline sensor comprises a first pair of electrodes aligned along the first plane and partially immersed in a liquid for providing a first signal indicative of an incline in the first plane; and a second pair of electrodes aligned along a second plane, orthogonal 30 to the first plane, and partially immersed in a liquid for providing a second signal indicative of an incline in the second plane.
11. A mobile cellular telephone comprising:
a display;

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a processor for controlling the operation of the mobile cellular telephone including the display;

first incline sensor means for detecting inclination of the mobile telephone when in a first orientation; and

5 second incline sensor means for detecting inclination of the mobile telephone when in a second orientation, wherein the mobile cellular telephone has an inclinometer mode, in which the processor determines an approximate orientation of the mobile telephone from inputs from the first and second incline sensor means and automatically controls the display to display an item at a position representative of
10 the incline for the determined orientation.

12. A mobile cellular telephone substantially as hereinbefore described with reference to and/or as shown in the accompanying drawings.

15 13. The use of a mobile telephone as claimed in any preceding claim for measuring an incline.

14. The use of a mobile telephone as claimed in any preceding claim for correcting an incline.